

Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 110400		APPLICATION NO. 09/932,023	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Takeshi NORMUA et al.			
				FILING DATE August 20, 2001		GROUP 1731	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
CF	1.	5,296,425	03/22/1994	CHIAZONO et al.	—	—	
CF	2.	5,835,339	11/10/1998	SAKAMOTO et al.	—	—	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	<i>Translatable</i> CLASS	SUB CLASS	
CF	3.	WO 00/51147	08/31/2000	WIPO	NO	—	
CF	4.	JP 09-315861	12/09/1997	JAPAN	YES	—	
CF	5.	JP 10-279353	10/20/1998	JAPAN	YES	—	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER	<i>CAZ</i>				DATE CONSIDERED <i>6/8/04</i>		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: April 12, 2004



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				FILING DATE August 20, 2001		GROUP 1731	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
CF	1	6,485,672 B1	11/26/2002	Nomura et al.	—	—	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER ca <i>[Signature]</i>				DATE CONSIDERED 1/6/04			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

CHRISTOPHER A. FIORILLA
PRIMARY EXAMINER
ART UNIT 1731

Date: October 14, 2003

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 110400		APPLICATION NO. 09/932,023	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Takeshi NOMURA et al.			
<div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> OIPE NOV 19 2003 PATENT & TRADEMARK OFFICE </div>				FILING DATE August 20, 2001		GROUP 1732	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
CF		US 4,642,732	02/10/1987	IKEDA et al.	—	—	
CF		US 6,226,172 B1	05/01/2001	SATO et al.	—	—	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
CF		EP 1 096 518 A	05/02/2001	EUROPE	—	—	
CF		EP 0 977 218 A	02/02/2000	EUROPE	—	—	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER				DATE CONSIDERED			
				1/13/04			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: November 19, 2003